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Substitute for form 1449AU.S. Patent and Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	101-735896
				Filing Date	12/17/2003
				First Named Inventor	Boris A. MASLOV
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	5	Attorney Docket Number	544092000124

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JLW		6,492,756-B1	12-10-2002	Maslov et al.	
		6,420,795-B1	07-16-2002	Mikhail et al.	
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		6,278,216-B1	08-21-2001	Li	

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				Filing Date	12/17/2003
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				Art Unit	N/A
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
ga		DE 19909277-A1	10/21/1999			
ga		EP 0 006 669 A	1/1980			
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ga		DE 195 03 492 A1	08/1996			
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	D	IRVING M. GOTTLIEB, Electric Motors and Control Techniques, 2nd Edition, 1994, TAB Books (Imprint of McGraw Hill), New York, pp. 147-151, 207-210 and 235-239	
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	DD	V. ARCIDIACONO, S. CORSI, G. TAGLIABUE, G. OTTAVIANI, S. TOGNO, G. BAROFFIO, C. RAFFAELLI and E. ROSA, "The ENEL's Experience on the Evolution of Excitation Control Systems through Microprocessor Technology," IEEE Transactions on Energy Conversion, Vol. 13, No. 3, September 1998, pp. 292-299	
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				Application Number	10/ 736 896
				Filing Date	12/17/2003
				First Named Inventor	Boris A. MASLOV
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	4	of	5	Attorney Docket Number	544092000124

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DG	B.J. CHALMERS and W. WU, "An Axial-Flux Permanent-Magnet Generator for a Gearless Wind Energy System," IEEE Transactions on Energy Conversion, Vol. 14, No. 2, June 1999, pp. 251-257
DH	CHIH-YI HUANG, TIEN-CHI CHEN and CHING-LIEN HUANG, "A Microcomputer-based Induction Motor Drive System Using Current and Torque Control," IEEE Transactions on Energy Conversion, Vol. 14, No. 4, December 1999, pp. 874-880
DI	R. BLISSENBACH, G. HENNEBERGER, U. SCHAFER and W. HACKMANN, "Development of a Transverse Flux Traction Motor in a Direct Drive System," IECM2000 Proceedings, Vol. III, August 30, 2000, pp. 1457-1460
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DK	R. BLISSENBACH and G. HENNEBERGER, "New Design of a Soft Magnetic Composite Transverse Flux Machine with Special Attention on the Loss Mechanisms," presented at Electromotion '01 at Bologna, Italy on June 20, 2001
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DM	EDUARD MULJADI, HERBERT L. HESS and KIM THOMAS, "Zero Sequence Method for Energy Recovery from a Variable-Speed Wind Turbine Generator," IEEE Transactions on Energy Conversion, Vol. 16, No. 1, March 2001, pp. 99-103
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DO	Z. CHEN and E. SPOONER, "Grid Power Quality with Variable Speed Wind Turbines," IEEE Transactions on Energy Conversion, Vol. 16, No. 2, June 2001, pp. 148-154
DP	M. NASIR UDDIN, TAWFIK S. RADWIN and M. AZIZUR RAHMAN, "Performance of Interior Permanent Magnet Motor Drive Over Wide Speed Range," IEEE Transactions on Energy Conversion, Vol. 17, No. 1, March 2002, pp. 79-84
DQ	TIEN-CHI CHEN and TSONG-TERNG SHEU, "Model Reference Neural Network Controller for Induction Motor Speed Control," IEEE Transactions on Energy Conversion, Vol. 17, No. 2, June 2002, pp. 157-163
DR	T.F. CHAN, LIE-TONG YAN and SHAO-YUAN FANG, "In-Wheel Permanent-Magnet Brushless dc Motor Drive for an Electric Bicycle," IEEE Transactions on Energy Conversion, Vol. 17, No. 2, June 2002, pp. 229-233
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DU	VACON PLC, "Vacon NXS: Advanced Motor Control," undated, at

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				Filing Date	12/17/2003
				First Named Inventor	Boris A. MASLOV
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	5	of	5	Attorney Docket Number	544092000124

gk		www.vacon.com/products/nxs.html	
gk	DV	V S RAMSDEN, B C MECROW and H C LOVATT, "Design of an In-Wheel Motor for a Solar-Powered Electric Vehicle," undated, at <a href="http://www.tip.csiro.au/Machines/papers/iwscem/">www.tip.csiro.au/Machines/papers/iwscem/</a>	
gk		UQM Technologies, Inc. press release dated September 17, 2002 and available on the Web at <a href="http://www.uqm.com/press/news/03-19.html">www.uqm.com/press/news/03-19.html</a>	
		Part of the UQM Technologies, Inc. 2002 Annual Report dated June 19, 2002 and available on the Web at <a href="http://www.uqm.com/investor/annual/02Technology.pdf">www.uqm.com/investor/annual/02Technology.pdf</a>	
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gk		White Paper: Induction Motors - constant frequency; constant voltage variable frequency/variable voltage, Reliance Electric, <a href="http://www.reliance.com/prodserv/motgen/b7097_2.htm">http://www.reliance.com/prodserv/motgen/b7097_2.htm</a> , 2001	
gk		Jansson, et al., "Magnetic assessment of SMC materials", 21st Annual Conference on Properties and Applications of Magnetic Materials, Chicago, USA, May 2002	

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Examiner Signature	<i>Ed. Alf.</i>	Date Considered	Sept 15, 05
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PTO/SB/08 (2-92)

Sheet 1 of 1

<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number 544092000122	Application Number 10/736,896
	Applicant Boris A. MASLOV et al.	
	Filing Date December 17, 2003	Group Art Unit 2837
	Mailing Date August 25, 2004	

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Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
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	2.	3/1994	5,289,980	Toyoda et al.			
ga	3.	11/1995	5,465,806	Higasa et al.			
ga	4.	12/2002	2002/0179349 A1	Field			

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
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	8.	4/2001	WO 01/25049 A1	PCT			

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	9.	Terashima et al., "Novel motors and controllers for high performance electric vehicle with 4 in-wheel motors, Industrial Electronics, Control, and Instrumentation, 1996, Proceedings of the 1996 IEEE IECON 22nd International Conference on Taipei, Taiwan 5-10 Aug. 1996, 5 August 1996, pp 20-27
	10.	Sekimori et al., "Development of Toyota coaster hybrid EV", EVS-13, 13th International Electric Vehicle Symposium, Osaka, Oct. 13-16, 1996, Vol. 2 Symp 13, 13 October 1996, pp 16-23

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PTO/SB/08 (2-92)  
Sheet 1 of 1

Form PTO-1449

Docket Number 544092000124

Application Number 10/736,896

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Boris A. MASLOV et al.

Filing Date December 17, 2003

Group Art Unit 3611

Mailing Date August 25, 2004

U.S. PATENT DOCUMENTS

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<i>ga</i>	1.	3/1994	5,289,890	Toyoda et al.			
<i>ga</i>	2.	11/1994	5,365,137	Richardson et al.			
<i>ga</i>	3.	4/1999	5,894,902	Cho			
<i>ga</i>	4.	8/2001	6,278,216 B1	Li			
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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

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ALTERNATIVE TO PTO/SB/08a/b (06-03)

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				Application Number	10/736,896
				Filing Date	December 17, 2003
				First Named Inventor	Boris A. MASLOV
				Art Unit	<del>3648</del> 2837
Sheet	1	of	1	Examiner Name	B. L. Swenson <i>Colon-Santana</i>
				Attorney Docket Number	544092000124

U.S. PATENT DOCUMENTS					
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
<i>BA</i>	BA	JP-10-305735	11/1998	Toyota Motor Corp		✓
<i>BB</i>	BB	JP-03-031029	02/1991	Tokyo R & D:KK		✓

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NON PATENT LITERATURE DOCUMENTS			
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